

10584076

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Welcome to STN International! Enter x:x

LOGINID:ssptasxml624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008  
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000  
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent  
number searching  
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing  
enhanced  
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT  
Applications  
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of  
pre-registered REACH substances  
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic  
substances identified in English-, French-, German-,  
and Japanese-language basic patents from 2004-present  
NEWS 9 NOV 26 MARPAT enhanced with FSORT command  
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts  
availability of new fully-indexed citations  
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy  
NEWS 12 NOV 26 Two new SET commands increase convenience of STN  
searching  
NEWS 13 DEC 01 ChemPort single article sales feature unavailable  
  
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 15:51:57 ON 02 DEC 2008

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=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:52:28 ON 02 DEC 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 NOV 2008 HIGHEST RN 1077629-73-2

DICTIONARY FILE UPDATES: 30 NOV 2008 HIGHEST RN 1077629-73-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

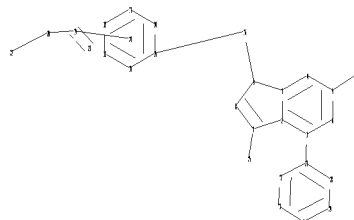
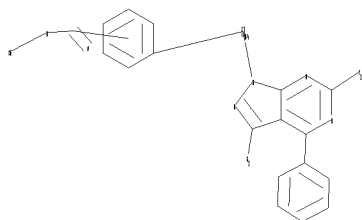
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10584076.str



10584076

```
chain nodes :
16 19 20 21 22 25 26
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 27 28 29 30 31 32
chain bonds :
1-27 5-26 7-25 9-16 15-16 19-21 19-20 20-22
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15 27-28 27-32 28-29 29-30 30-31 31-32
exact/norm bonds :
2-7 3-9 5-26 7-8 7-25 8-9 9-16 19-21 19-20
exact bonds :
1-27 15-16 20-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15 27-28
27-32 28-29 29-30 30-31 31-32
```

G1:H,Ak,OH,NH2

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS
22:Atom 24:Atom 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom
Element Count :
Node 22: Limited
C,C3-6
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L1 STRUCTURE UPLOADED

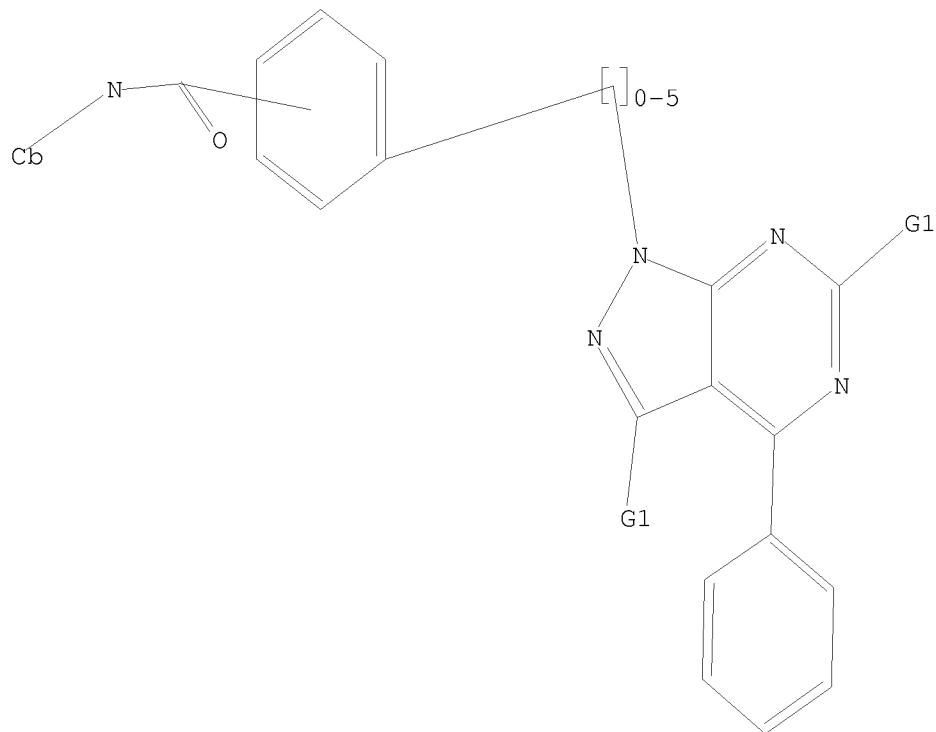
=>

=> d

L1 HAS NO ANSWERS

L1 STR

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G1 H, Ak, OH, NH2

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sam
SAMPLE SEARCH INITIATED 15:52:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      23 TO ITERATE

100.0% PROCESSED      23 ITERATIONS      1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   173 TO    747
PROJECTED ANSWERS:      1 TO     80

L2      1 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 15:52:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      281 TO ITERATE

100.0% PROCESSED      281 ITERATIONS      10 ANSWERS
SEARCH TIME: 00.00.01

L3      10 SEA SSS FUL L1
```

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=> fil capl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'CAPLUS' ENTERED AT 15:53:03 ON 02 DEC 2008  
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FILE COVERS 1907 - 2 Dec 2008 VOL 149 ISS 23  
FILE LAST UPDATED: 30 Nov 2008 (20081130/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3  
L4 1 L3

=> d l4 ibib abs

10584076

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:612301 CAPLUS

DOCUMENT NUMBER: 143:153230

TITLE: Preparation of substituted purines and other bicyclic heterocycles as p-38 kinase inhibitors

INVENTOR(S): Dong, Qing; Wang, Jianqiang; Lan, Jiong; Lang, Hengyuan

PATENT ASSIGNEE(S): Triad Therapeutics, Inc., USA; Novartis Pharma AG

SOURCE: PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

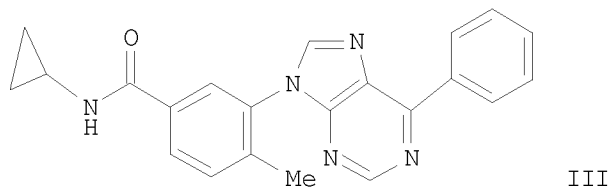
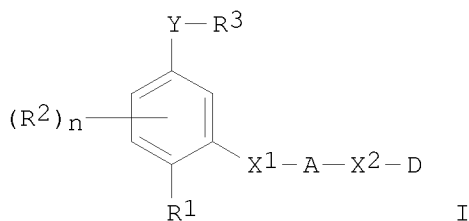
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005063766	A2	20050714	WO 2004-US43682	20041223
WO 2005063766	A3	20050909		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004309420	A1	20050714	AU 2004-309420	20041223
CA 2548326	A1	20050714	CA 2004-2548326	20041223
EP 1699800	A2	20060913	EP 2004-815697	20041223
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
CN 1898243	A	20070117	CN 2004-80038275	20041223
BR 2004018112	A	20070417	BR 2004-18112	20041223
JP 2007517052	T	20070628	JP 2006-547489	20041223
IN 2006CN02266	A	20070608	IN 2006-CN2266	20060622
MX 2006PA07314	A	20060809	MX 2006-PA7314	20060623
US 20070142405	A1	20070621	US 2006-584076	20060823
PRIORITY APPLN. INFO.:			US 2003-532529P	P 20031223
			US 2004-575113P	P 20040528
			WO 2004-US43682	W 20041223

OTHER SOURCE(S): CASREACT 143:153230; MARPAT 143:153230

GI



AB The present invention discloses preparation of bicyclic heterocyclic compds., such as I [ $R^1$  = halo, alkyl, cycloalkyl, alkynyl, haloalkyl, alkoxy, haloalkoxy,  $NR^4R^5$ ,  $OR^4$ ;  $R^2$  = alkyl, cycloalkyl, halo, trifluoromethyl, trifluoromethoxy, CN,  $NR^4R^5$ ,  $OR^4$ , etc.;  $R^3$  = H, alkyl, cycloalkyl,  $OR^4$ , heteroaryl, heterocycle;  $R^4$ ,  $R^5$  = H, alkyl, cycloalkyl;  $n$  = 0-2;  $Y$  =  $C(:O)NH$ ,  $NHC(:O)$ ,  $NHC(:O)NH$ ,  $SO_2NH$ ,  $NHSO_2$ , CO;  $X^1$  = single bond, alkylene, O, S,  $SO_2$ , CO, CONH;  $A$  = bicyclic heterocycle;  $X^2$  = single bond, alkylene, O, S, NH, alkylamino,  $SO_2$ , CO, CONH;  $D$  = monocyclic or bicyclic aromatic or nonarom. ring containing up to four heteroatoms], or a pharmaceutically acceptable derivs. thereof, for their therapeutic use as p38 kinase, including p38 $\alpha$  and p38 $\beta$  kinase, inhibitors. Thus, N-cyclopropyl-3-hydrazino-4-methyl-benzamide (also prepared) was reacted with aminomalononitrile p-toluene sulfonate to afford 3-(5-amino-4-cyano-imidazol-1-yl)-N-cyclopropyl-4-methyl-benzamide, which on reaction with phenylmagnesium bromide, provided 3-(5-amino-4-benzoyl-imidazol-1-yl)-N-cyclopropyl-4-methyl-benzamide (II). A mixture of benzamide derivative II, formamide and acetic acid was heated in the microwave to afford purine derivative III. Pharmaceutical compns. containing I are also provided. Methods of treatment, prevention or amelioration of one or more symptoms of p38 kinase mediated diseases and disorders, including, but not limited to, inflammatory diseases and disorders are also provided.

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=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.39	181.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

STN INTERNATIONAL LOGOFF AT 15:53:30 ON 02 DEC 2008